

SUPPLEMENTAL INFORMATION TO FORM 9-331C

JICARILLA APACHE 102 NO. 10E
 1700' FSL & 1530' FWL, SECTION 4, T26N, R4W
 RIO ARRIBA COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary San Jose.

Estimated tops of important geologic markers and potential water, oil, or gas bearing formations:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>	
Ojo Alamo	3647'	3562'	
Kirtland	3772'	3437'	
Fruitland	3857'	3352'	
Pictured Cliffs	3967'	3242'	
Chacra (if present)	'	'	
Mesaverde	Cliff House	4927'	2282'
	Point Lookout	5665'	1544'
Gallup	7330'	- 121'	
Dakota	8161'	- 952'	
TD	8400'	-1191'	

Estimated KB elevation: 7209'

Drilling fluid to intermediate point will be a fresh water, low solids non-dispersed mud system. Air or gas will be used to drill to TD. Open hole logging program will include logs from TD to below intermediate casing:

Induction Electric-SP-Gamma Ray
 Compensated Formation Density-Compensated Neutron-Gamma Ray

Completion design will be based on these logs. No cores or drill stem tests will be taken.

Operations will commence when permitted and last approximately 4 weeks.

Amoco's standard blowout prevention will be employed (see attached drawing).

In the past, drilling in this area has shown that no abnormal pressures, temperatures, nor hydrogen sulfide gas will be encountered.